RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/598,079_

Source: _1FWO_

Date Processed by STIC: _8/23/06_

ENTERED

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IFWO

RAW SEQUENCE LISTING   DATE: 08/23/2006
PATENT APPLICATION: US/10/598,079   TIME: 11:26:05

      Input Set : A:\W110720015SEQ.ST25.txt
      Output Set: N:\CRF4\08232006\J598079.raw

 3 <110> APPLICANT: Williams, Kevin J
 5 <120> TITLE OF INVENTION: ANGIOCIDIN FRAGMENTS AND USES THEREOF IN CLINICAL ASSAYS FOR
 6   CANCER AND OTHER DISEASES
 8 <130> FILE REFERENCE: W1107/20015
10 <140> CURRENT APPLICATION NUMBER: 10/598,079
11 <141> CURRENT FILING DATE: 2006-08-17
13 <150> PRIOR APPLICATION NUMBER: PCT/US05/05169
14 <151> PRIOR FILING DATE: 2005-02-18
16 <150> PRIOR APPLICATION NUMBER: 60/546,302
17 <151> PRIOR FILING DATE: 2004-02-20
19 <160> NUMBER OF SEQ ID NOS: 3
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 380
25 <212> TYPE: PRT
26 <213> ORGANISM: Artificial
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Sequence from Homo sapiens
32 <220> FEATURE:
33 <221> NAME/KEY: MISC_FEATURE
34 <222> LOCATION: (332)..(332)
35 <223> OTHER INFORMATION: wherein Xaa is any amino acid
37 <400> SEQUENCE: 1
39 Met Val Leu Glu Ser Thr Met Val Cys Val Asp Asn Ser Glu Tyr Met
40 1   5   10   15
43 Arg Asn Gly Asp Phe Leu Pro Thr Arg Leu Gln Ala Gln Gln Asp Ala
44   20   25   30
47 Val Asn Ile Val Cys His Ser Lys Thr Arg Ser Asn Pro Glu Asn Asn
48   35   40   45
51 Val Gly Leu Ile Thr Leu Ala Asn Asp Cys Glu Val Leu Thr Thr Leu
52   50   55   60
55 Thr Pro Asp Thr Gly Arg Ile Leu Ser Lys Leu His Thr Val Gln Pro
56 65   70   75   80
59 Lys Gly Lys Ile Thr Phe Cys Thr Gly Ile Arg Val Ala His Leu Ala
60   85   90   95
63 Leu Lys His Arg Gln Gly Lys Asn His Lys Met Arg Ile Ile Ala Phe
64   100   105   110
67 Val Gly Ser Pro Val Glu Asp Asn Glu Lys Asp Leu Val Lys Leu Ala
68   115   120   125
71 Lys Arg Leu Lys Lys Glu Lys Val Asn Val Asp Ile Ile Asn Phe Gly
72   130   135   140
75 Glu Glu Glu Val Asn Thr Glu Lys Leu Thr Ala Phe Val Asn Thr Leu
76 145   150   155   160

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 79 Asn Gly Lys Asp Gly Thr Gly Ser His Leu Val Thr Val Pro Pro Gly
 80                 165                 170                 175
 83 Pro Ser Leu Ala Asp Ala Leu Ile Ser Ser Pro Ile Leu Ala Gly Glu
 84                 180                 185                 190
 87 Gly Gly Ala Met Leu Gly Leu Gly Ala Ser Asp Phe Glu Phe Gly Val
 88                 195                 200                 205
 91 Asp Pro Ser Ala Asp Pro Glu Leu Ala Leu Ala Leu Arg Val Ser Met
 92       210                 215                 220
 95 Glu Glu Gln Arg Gln Arg Gln Glu Glu Glu Ala Arg Arg Ala Ala Ala
 96 225                 230                 235                 240
 99 Ala Ser Ala Ala Glu Ala Gly Ile Ala Thr Thr Gly Thr Glu Gly Glu
100                 245                 250                 255
103 Arg Asp Ser Asp Asp Ala Leu Leu Lys Met Thr Ile Ser Gln Gln Glu
104                 260                 265                 270
107 Phe Gly Arg Thr Gly Leu Pro Asp Leu Ser Ser Met Thr Glu Glu Glu
108           275                 280                 285
111 Gln Ile Ala Tyr Ala Met Gln Met Ser Leu Gln Gly Ala Glu Phe Gly
112       290                 295                 300
115 Gln Ala Glu Ser Ala Asp Ile Asp Ala Ser Ser Ala Met Asp Thr Ser
116 305                 310                 315                 320
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W-->
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119 Glu Pro Ala Lys Glu Glu Asp Asp Tyr Asp Val Xaa Gln Asp Pro Glu
120                 325                 330                 335
123 Phe Leu Gln Ser Val Leu Glu Asn Leu Pro Gly Val Asp Pro Asn Asn
124                 340                 345                 350
127 Glu Ala Ile Arg Asn Ala Met Gly Ser Leu Ala Ser Gln Ala Thr Lys
128           355                 360                 365
131 Asp Gly Lys Lys Asp Lys Lys Glu Glu Asp Lys Lys
132       370                 375                 380
135 <210> SEQ ID NO: 2
136 <211> LENGTH: 377
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Sequence from Homo sapiens
144 <220> FEATURE:
145 <221> NAME/KEY: MISC_FEATURE
146 <222> LOCATION: (329)..(329)
147 <223> OTHER INFORMATION: wherein Xaa is any amino acid
149 <400> SEQUENCE: 2
151 Met Val Leu Glu Ser Thr Met Val Cys Val Asp Asn Ser Glu Tyr Met
152 1                 5                 10                  15
155 Arg Asn Gly Asp Phe Leu Pro Thr Arg Leu Gln Ala Gln Gln Asp Ala
156                 20                  25                  30
159 Val Asn Ile Val Cys His Ser Lys Thr Arg Ser Asn Pro Glu Asn Asn
160           35                  40                  45
163 Val Gly Leu Ile Thr Leu Ala Asn Asp Cys Glu Val Leu Thr Thr Leu
164       50                  55                  60
167 Thr Pro Asp Thr Gly Arg Ile Leu Ser Lys Leu His Thr Val Gln Pro
168 65                  70                  75                  80
```

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```
171 Lys Gly Lys Ile Thr Phe Cys Thr Gly Ile Arg Val Ala His Leu Ala
172              85               90               95
175 Leu Lys His Arg Gln Gly Lys Asn His Lys Met Arg Ile Ile Ala Phe
176             100              105              110
179 Val Gly Ser Pro Val Glu Asp Asn Glu Lys Asp Leu Val Lys Leu Ala
180             115              120              125
183 Lys Arg Leu Lys Lys Glu Lys Val Asn Val Asp Ile Ile Asn Phe Gly
184         130              135              140
187 Glu Glu Glu Val Asn Thr Glu Lys Leu Thr Ala Phe Val Asn Thr Leu
188 145              150              155              160
191 Asn Gly Lys Asp Gly Thr Gly Ser His Leu Val Thr Val Pro Pro Gly
192             165              170              175
195 Pro Ser Leu Ala Asp Ala Leu Ile Ser Ser Pro Ile Leu Ala Gly Glu
196             180              185              190
199 Gly Gly Ala Met Leu Gly Leu Gly Ala Ser Asp Phe Glu Phe Gly Val
200         195              200              205
203 Asp Pro Ser Ala Asp Pro Glu Leu Ala Leu Ala Leu Arg Val Ser Met
204     210              215              220
207 Glu Glu Gln Arg Gln Arg Gln Glu Glu Glu Ala Arg Arg Ala Ala Ala
208 225              230              235              240
211 Ala Ser Ala Ala Glu Ala Gly Ile Ala Thr Thr Gly Thr Glu Asp Ser
212             245              250              255
215 Asp Asp Ala Leu Leu Lys Met Thr Ile Ser Gln Gln Glu Phe Gly Arg
216             260              265              270
219 Thr Gly Leu Pro Asp Leu Ser Ser Met Thr Glu Glu Glu Gln Ile Ala
220         275              280              285
223 Tyr Ala Met Gln Met Ser Leu Gln Gly Ala Glu Phe Gly Gln Ala Glu
224     290              295              300
227 Ser Ala Asp Ile Asp Ala Ser Ser Ala Met Asp Thr Ser Glu Pro Ala
228 305              310              315              320
W--> 231 Lys Glu Glu Asp Asp Tyr Asp Val Xaa Gln Asp Pro Glu Phe Leu Gln
232              325              330              335
235 Ser Val Leu Glu Asn Leu Pro Gly Val Asp Pro Asn Asn Glu Ala Ile
236             340              345              350
239 Arg Asn Ala Met Gly Ser Leu Ala Ser Gln Ala Thr Lys Asp Gly Lys
240         355              360              365
243 Lys Asp Lys Lys Glu Glu Asp Lys Lys
244     370              375
247 <210> SEQ ID NO: 3
248 <211> LENGTH: 6
249 <212> TYPE: PRT
250 <213> ORGANISM: Homo sapiens
252 <400> SEQUENCE: 3
254 Cys Ser Val Thr Cys Gly
255 1               5
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 08/23/2006
PATENT APPLICATION: US/10/598,079   TIME: 11:26:06

Input Set : **A:\W110720015SEQ.ST25.txt**
Output Set: **N:\CRF4\08232006\J598079.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 332
Seq#:2; Xaa Pos. 329

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2

VERIFICATION SUMMARY   DATE: 08/23/2006
PATENT APPLICATION: US/10/598,079   TIME: 11:26:06

Input Set : **A:\W110720015SEQ.ST25.txt**
Output Set: **N:\CRF4\08232006\J598079.raw**

L:119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:320
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:320